



# DAQ Working Group

Yun-Tse Tsai (SLAC)  
ICARUS Collaboration Meeting  
September 20th, 2018

# DAQ Working Group

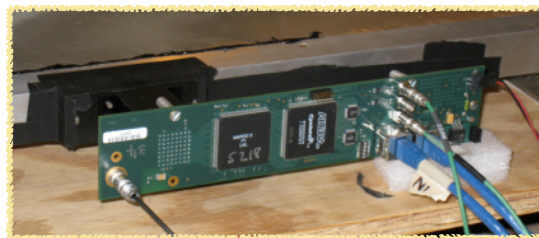
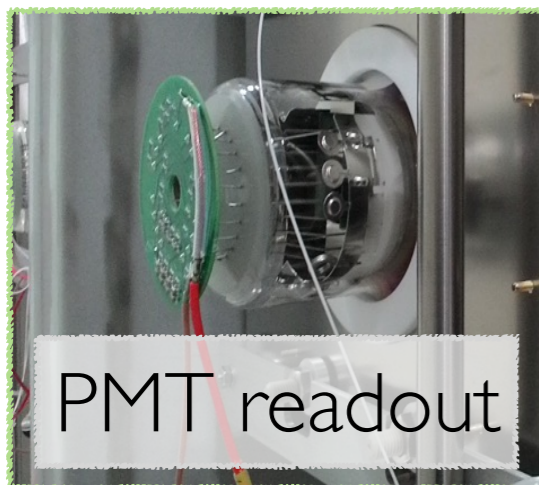
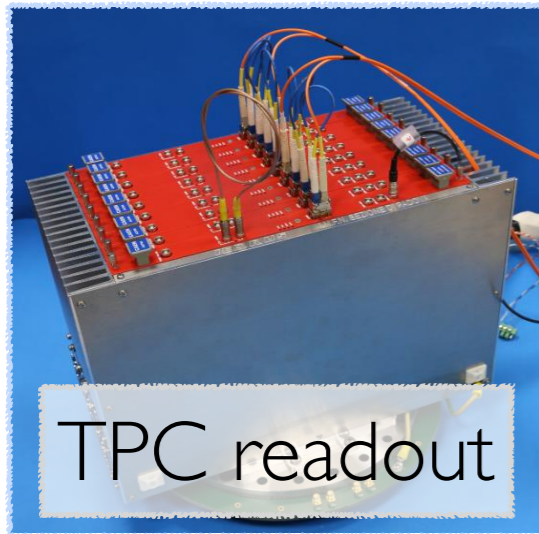
- ICARUS-specific DAQ convener: Yun-Tse Tsai
- Share with common SBN DAQ group (conveners: Angela Fava, Wes Ketchum)
- Regular meetings at 10:30am CDT on Mondays tri-weekly (next one on Oct. 1st)
  - Past meetings: Aug. 10th, 2018, Sep. 10th, 2018
- Mailing list: [ICARUS-DAQ@fnal.gov](mailto:ICARUS-DAQ@fnal.gov)
- Currently active subscribers: A. Fava, W. Badgett, K. Biery, G. Lukhanin, D. Torretta, W. Ketchum (FNAL), Y.-T. Tsai (SLAC), Chris Hilgenberg (CSU), A. Chatterjee (UTA), and others (apologies for missing them)
- You are welcome to join!

# DAQ Goal

Trigger interface

Monitor/  
Control

Logging/  
Messaging



DAQ server



Permanent storage



Data management

# Milestones

- December 2018: TPC+PMT DAQ with one crate
- March 2019:
  - DAQ at the detector scale with trigger interface specified
  - Initial monitoring, control, logging systems and data management in place
- May 2019: Ready to take noise data
- June 2019: Commissioning, stress test
- Fall 2019: Ready to take neutrino beam data
- Fall-winter 2019: CRT DAQ commissioning
- More details in the DAQ talk yesterday

# DAQ Roles

- TPC: Y.-T. Tsai, <your name>
- PMT: W. Ketchum, <your name>
- CRT: <your name>
- Trigger interface: <your name>
- Teststand: A. Chatterjee
- Run control: D. Torretta, <your name>
- Monitoring/database: <your name>
- Logging/database: <your name>
- Data management group (details): <your names>
- Need more people power!